

February 21, 2001

TO: Andres Kashnikow, Technology Center 3700

FROM: Jeanne Horrigan, EIC-3700 *JH*

SUBJECT: Litigation Search Results for US Patent 5,732,711

Attached are the litigation search results for US Patent 5,732,711. The search was conducted in three databases: Inpadoc, Lexis/Nexis, and Questel. Here is a summary of the results.

- Patent family and legal status (from Inpadoc)
- Legal status, patent status, and reassignment information (from Questel)
- Reissue information (from Lexis/Nexis)

There were no litigation alerts on the patent in Questel. There were no law cases, law journal articles, or current news articles on the patent in Lexis/Nexis.

I hope this information is useful. Please let me know if you have any questions or need more information.

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IN PADOC

**Basic Patent (Number,Kind,Date):** GB 9716093 A0 19971001**Patent Family:**

Patent Number	Kind	Date	Application Number	Kind	Date
DE 19737150	A1	19980319	DE 19737150	A	19970826
GB 9716093	A0	19971001	GB 9716093	A	19970731 (Basic)
GB 2316749	A1	19980304	GB 9716093	A	19970731
GB 2316749	B2	20000112	GB 9716093	A	19970731
JP 10137218	A2	19980526	JP 97231058	A	19970827
JP 3072836	B2	20000807	JP 97231058	A	19970827
<u>US 5732711</u>	A	19980331	US 703794	A	19960827

Priority Data:

Patent Number	Kind	Date
US 703794 A		19960827

PATENT FAMILY:**Germany (DE)**

Patent (Number,Kind,Date): DE 19737150 A1 19980319

KOERPERFUNKTIONSMESSVORRICHTUNG(German)

Patent Assignee: AIR SHIELDS (US)

Author (Inventor): FITZPATRICK JOSEPH F (US); RICHARDS JOHN H (US); ROMANO ANTHONY C (US); KOLAROVIC RONALD S (US)

Priority (Number,Kind,Date): US 703794 A 19960827

Applic (Number,Kind,Date): DE 19737150 A 19970826

IPC: * A61B-005/00; A61B-010/00

Derwent WPI Acc No: * G 98-123245

Language of Document: German

Germany (DE) - Legal Status

Number	Type	Date	Code	Text
DE 19737150	P	19960827	DE AA	PRIORITY (PATENT APPLICATION) US 703794 A 19960827
DE 19737150	P	19970826	DE AE	DOMESTIC APPLICATION (PATENT APPLICATION) DE 19737150 A 19970826
DE 19737150	P	19980319	DE A1	LAYING OPEN FOR PUBLIC INSPECTION
DE 19737150	P	20000511	DE 8127	NEW PERSON/NAME/ADDRESS OF THE APPLICANT HILL-ROM AIR-SHIELDS, INC., HATBORO, PA., US
				(OFFENLEGUNG) (AENDERUNG IN PERSON, NAMEN ODER WOHNORT DES ANMELDERS)

Great Britain (GB)

Patent (Number,Kind,Date): GB 9716093 A0 19971001
BODY FUNCTION MEASURING APPARATUS (English)

Patent Assignee: AIR SHIELDS

Priority (Number,Kind,Date): US 703794 A 19960827

Applic (Number,Kind,Date): GB 9716093 A 19970731

Derwent WPI Acc No: * G 98-123245

Language of Document: English

Patent (Number,Kind,Date): GB 2316749 A1 19980304
BODY FUNCTION MEASURING APPARATUS (English)

Patent Assignee: AIRSHIELDS (US)

Author (Inventor): FITZPATRICK JOSEPH F; ROMANO ANTHONY C; RICHARDSJOHN H; KOLAROVIC RONALD S

Priority (Number,Kind,Date): US 703794 A 19960827

Applic (Number,Kind,Date): GB 9716093 A 19970731

National Class: * G1N NENT ENT; G1N NESS ESS; G1N N19B2Q ENT; G1N N19B2Q ESS; G1N N19X5 ENT; G1N N19X5 ESS; G1N N30P8 ENT; G1N N30P8 ESS

IPC: * G01K-013/00

Derwent WPI Acc No: * G 98-123245; G 98-123245

Language of Document: English

Patent (Number,Kind,Date): GB 2316749 B2 20000112
BODY FUNCTION MEASURING APPARATUS (English)

Patent Assignee: AIR SHIELDS (US)

Author (Inventor): FITZPATRICK JOSEPH F (US); ROMANO ANTHONY C (US); RICHARDS JOHN H (US); KOLAROVIC RONALD S (US)

Priority (Number,Kind,Date): US 703794 A 19960827

Applic (Number,Kind,Date): GB 9716093 A 19970731

National Class: * G1N NENT ENT; G1N NESS ESS; G1N N19B2Q ENT; G1N N19B2Q ESS; G1N N19X5 ENT; G1N N19X5 ESS; G1N N30P8 ENT; G1N N30P8 ESS

IPC: * G01K-013/00

Derwent WPI Acc No: * G 98-123245

Language of Document: English

Great Britain (GB) - Legal Status

Number	Type	Date	Code	Text
GB 2316749	P	19960827	GB AA	PRIORITY (PATENT) US 703794 A 19960827
GB 2316749	P	19970731	GB AE	APPLICATION DATA (APPL. DATA) GB 9716093 A 19970731
GB 2316749	P	19980304	GB A1	APPLICATION PUBLISHED (APPL. PUBLISHED)
GB 2316749	P	20000112	GB B2	PATENT GRANTED

Japan (JP)

Patent (Number,Kind,Date): JP 10137218 A2 19980526

BODY FUNCTION MEASUREMENT DEVICE, AND SKIN TEMPERATURE MEASUREMENT DEVICE (English)

Patent Assignee: AIR SHIELDS

Author (Inventor): FITZPATRICK JOSEPH F; ROMANO ANTHONY C; RICHARDS JOHN H; KOLAROVIC RONALD S

Priority (Number,Kind,Date): US 703794 A 19960827

Applic (Number,Kind,Date): JP 97231058 A 19970827

IPC: * A61B-005/107; A61B-005/00

Derwent WPIAcc No: * G 98-123245

Language of Document: Japanese

Patent (Number,Kind,Date): JP 3072836 B2 20000807

Patent Assignee: AIR SHIELDS

Author (Inventor): JOSEFU EFU FUTSUTSUPATORITSUK; ANSONII SHII ROMANO; JON EICHI RICHAAZU; RONARUDO ESU KORAROITSUKU

Priority (Number,Kind,Date): US 703794 A 19960827

Applic (Number,Kind,Date): JP 97231058 A 19970827

IPC: * A61B-005/00

Language of Document: Japanese

United States of America (US)

Patent (Number,Kind,Date): US 5732711 A 19980331

BODY FUNCTION MEASURING APPARATUS (English)

Patent Assignee: AIR SHIELDS (US)

Author (Inventor): FITZPATRICK JOSEPH F (US); ROMANO ANTHONY C (US); RICHARDS JOHN H (US); KOLAROVIC RONALD S (US)

Priority (Number,Kind,Date): US 703794 A 19960827

Applic (Number,Kind,Date): US 703794 A 19960827

National Class: * 128736000; 128667000

IPC: * A61B-005/00

Derwent WPI Acc No: * G 98-123245

Language of Document: English

United States of America (US) - Legal Status

Number	Type	Date	Code	Text	
US 5732711	P	19960827	US AE	APPLICATION DATA (PATENT)	(APPL. DATA(PATENT))
				US 703794 A 19960827	
US 5732711	P	19961129	US AS02	ASSIGNMENT OF ASSIGNOR'S INTEREST	
				AIR-SHIELDS, INC. 330 JACKSONVILLE ROAD HATBORO, PENNSYLVANIA 19040 ; FITZPATRICK, JOSEPH F. : 19961121; ROMANO, ANTHONY C. : 19961121; RICHARDS, JOHN H. : 19961121; KOLAROVIC, RON : 19961121	
US 5732711	P	19980331	US A	PATENT	
US 5732711	P	19980630	US CC	CERTIFICATE OF CORRECTION	
US 5732711	P	20000725	US RF	REISSUE APPLICATION FILED	(REISSUE APPL. FILED)
				20000330	

INPADOC/Family and Legal Status
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Dialog® File Number 345 Accession Number 13860413

QUESTEL SEARCH RESULTS FOR US PATENT 5,732,711
February 21, 2001

Databases : LGST, CRXX, PAST, LITA

Search statement 1: us5732711/pn

Term not in index/PN-LITA : US5732711

LGST	1 [LEGAL STATUS]
CRXX	1 [CLAIMS, REEXAM, REISSUE, REASSIGN. INFO]
PAST	2 [PATENT STATUS]
LITA	0 [LITIGATION ALERT]

** SS 1 : Results 4

1/4 LGST (1/1) - (C) LEGSTAT

PN - US 5732711 [US5732711]

AP - US 703794/96 19960827 [1996US-0703794]

DT - US-P

ACT - 19960827 US/AE-A

APPLICATION DATA (PATENT)

{US 703794/96 19960827 [1996US-0703794]}

- 19961129 US/AS02

ASSIGNMENT OF ASSIGNOR'S INTEREST

AIR-SHIELDS, INC. 330 JACKSONVILLE ROAD HATBORO, PENNSYLVANIA 19040 *

FITZPATRICK, JOSEPH F. : 19961121; ROMANO, ANTHONY C. : 19961121;

RICHARDS, JOHN H. : 19961121; KOLAROVIC, RON : 19961121

- 19980331 US/A

PATENT

- 19980630 US/CC

CERTIFICATE OF CORRECTION

- 20000725 US/RF

REISSUE APPLICATION FILED

20000330

UP - 2000-30

2/4 CRXX (1/1) - (C) CLAIMS/RRX

AN - 2958924

PN - 5,732,711 A 19980331 [US5732711]

PA - Air Shields Inc

PT - M (Mechanical)

ACT - 20000313 REASSIGNED

CHANGE OF NAME

Assignor: AIR-SHIELDS, INC. DATE SIGNED: 10/05/1995

Assignee: HILL-ROM AIR-SHIELDS, INC. 330 JACKSONVILLE ROAD HATBORO,
PENNSYLVANIA 19040

Reel 010703/Frame 0451

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- 20000330 REISSUE REQUESTED
Issue Date of O.G.: 20000725
Reissue Request Number: 09/539096
Examination Group responsible for Reissue process: 3736

UP - 1999-00
UACT- 2000-07-25
URAS- 2000-12-26

3/4 PAST (1/2) - (C) PAST
AN - 200030-001247
PN - 5732711 A [US5732711]
DT - A (UTILITY)
OG - 2000-07-25
CO - REA
ACT - REISSUE APPLICATION FILED
SH - REISSUE APPLICATION FILED

4/4 PAST (2/2) - (C) PAST
AN - 199826-000112
PN - 5732711 A [US5732711]
DT - A (UTILITY)
OG - 1998-06-30
CO - COR
ACT - CERTIFICATE OF CORRECTION
SH - CERTIFICATE OF CORRECTION

LEXIS/NEXIS SEARCH RESULTS FOR US PATENT 5,732,711
February 21, 2001

LEVEL 1 - 1 OF 1 PATENT

<5,732,711>

<<=2>> GET 1st DRAWING SHEET OF 3

Mar. 31, 1998

Body function measuring apparatus

REISSUE: Reissue Application filed Mar. 30, 2000 (O.G. Jul. 25, 2000) Ex. Gp.: 3736; Re. S.N. 09/539,096

CORE TERMS: temperature signal, thermistor, skin, sensor, measuring, probe, proximity, threshold, loose, constructed...

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5,732,711 OR 5732711

Your search request has found no [LAW] CASES.

Your search request has found no [LAW JOURNAL] ITEMS.

Your search request has found no [CURRENT NEWS] STORIES.